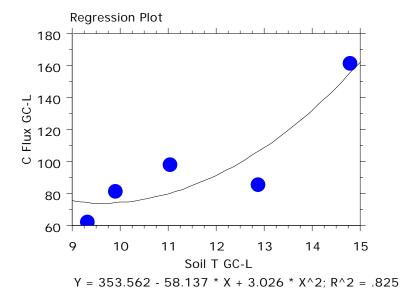## Regression Plot

$$Y = 92.057 - 13.878 * X + 1.185 * X^2; R^2 = .87$$

ANOVA Table
C Flux GC-U vs. Soil T GC-U

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	2	6877.558	3438.779	6.677	.1303
Residual	2	1030.013	515.006		
Total	4	7907.570			

Regression Plot

$$Y = 353.562 - 58.137 * X + 3.026 * X^2; R^2 = .825$$

ANOVA Table
C Flux GC-L vs. Soil T GC-L

	DF	Sum of Squares	Mean Square	F-Value	P-Value
Regression	2	4705.130	2352.565	4.710	.1751
Residual	2	998.910	499.455		
Total	4	5704.039			

Figure 21. Plot showing relationship between carbon flux (soil respiration) and soil temperature at 10 cm depth for plots at eroding and depositional sites at the Goodwin Cr. in northwestern Mississippi for the period December 1996 through January 1998.